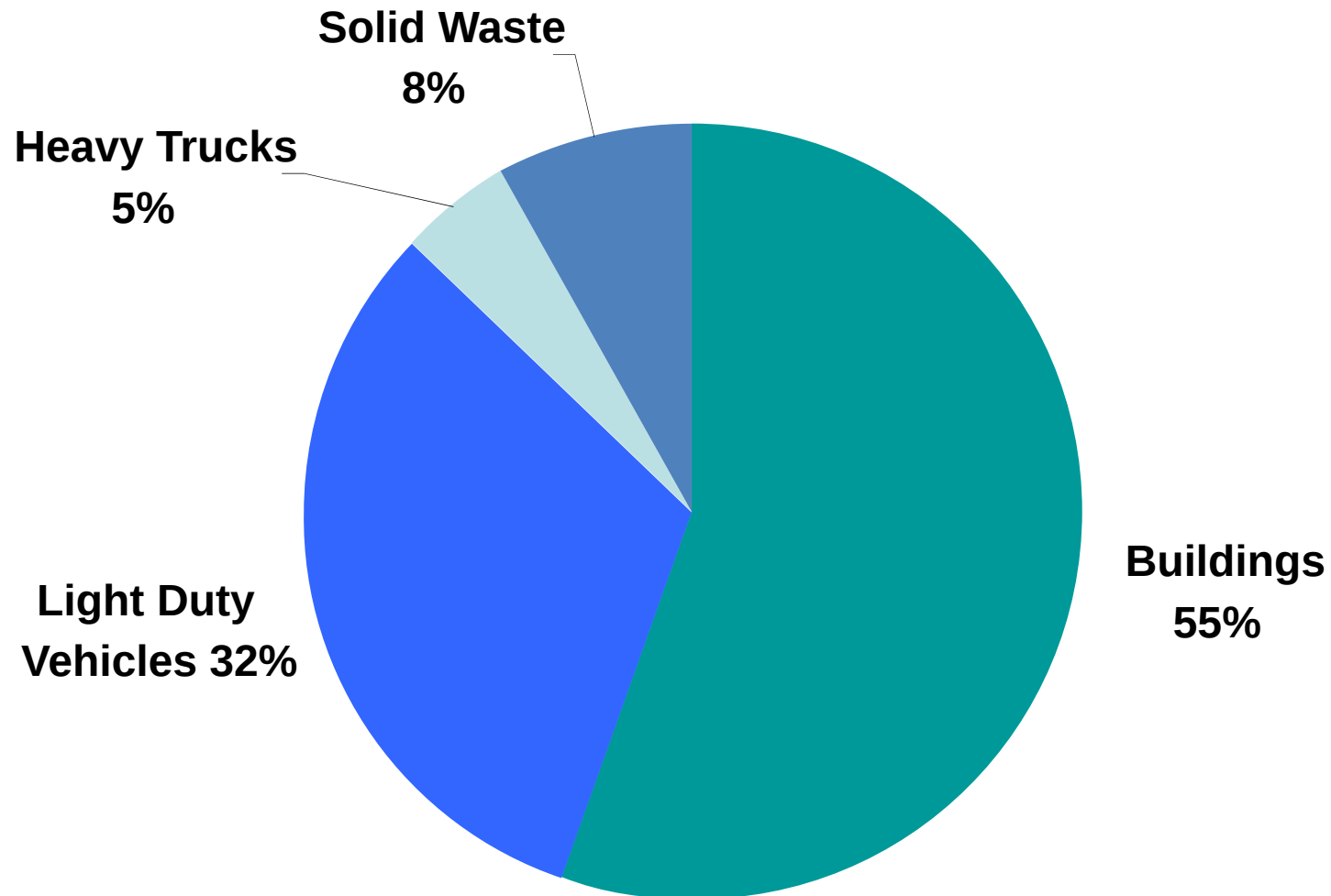


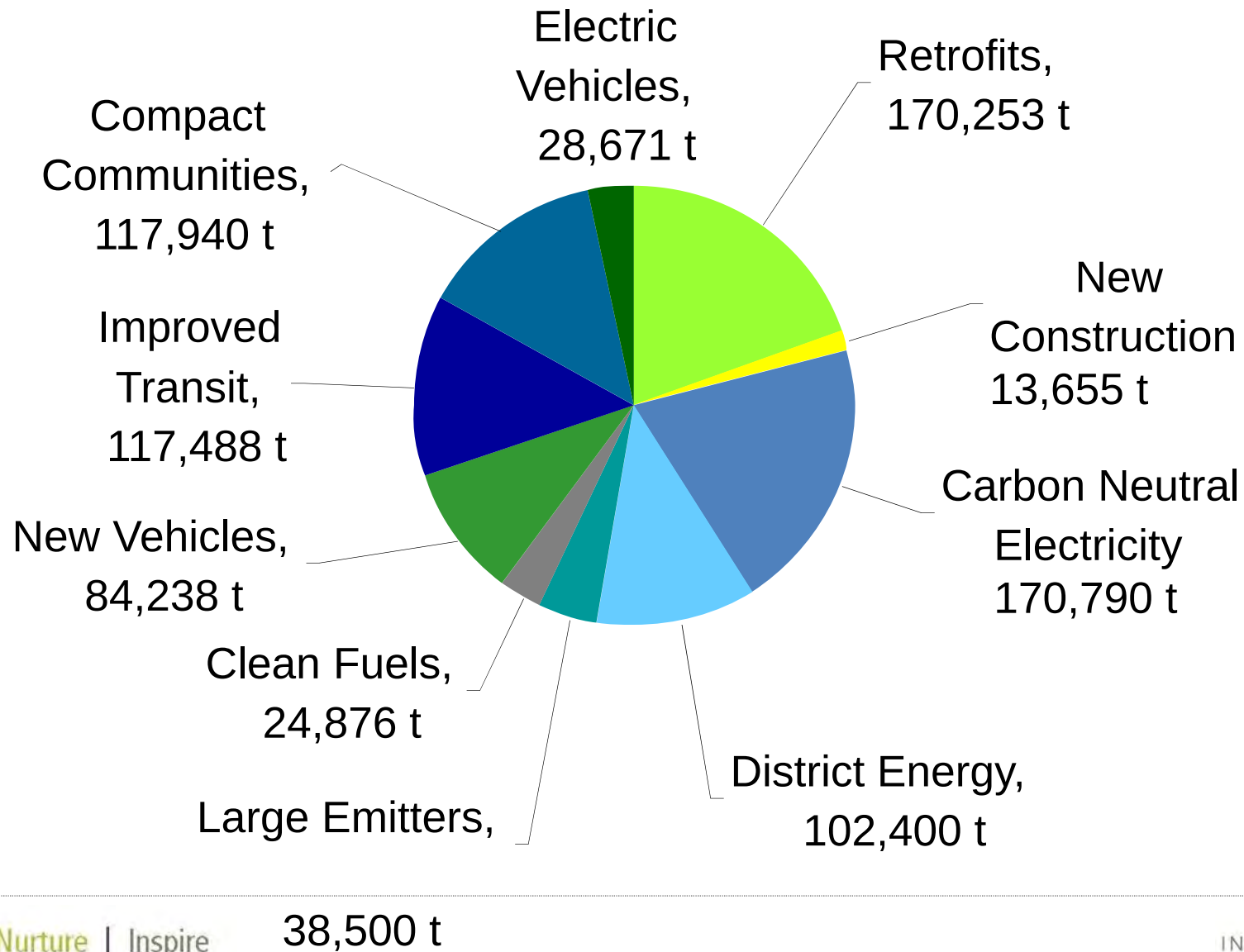
Low Carbon Strategy & Policy



Sources of GHG's



GHG Reduction Strategies



Community Building Energy Use

Building Energy Disclosure:

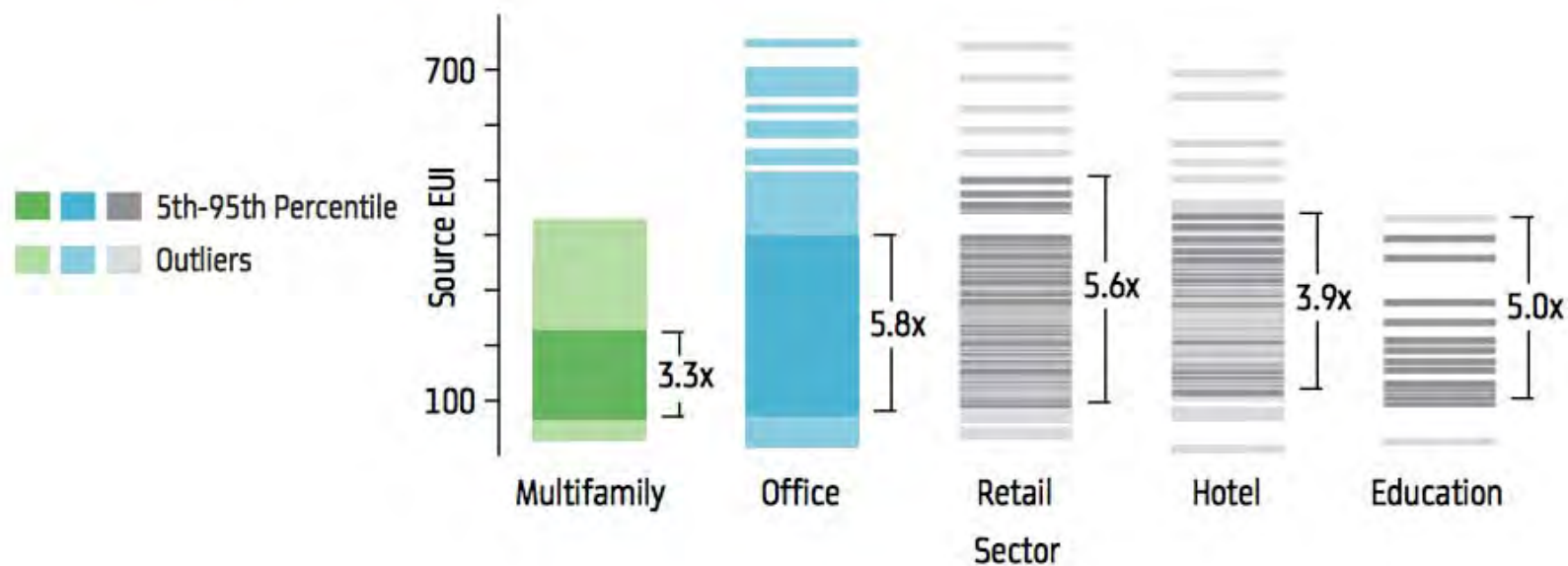
- ❑ San Francisco
- ❑ Seattle
- ❑ New York City
- ❑ Boston
- ❑ Austin
- ❑ Philadelphia
- ❑ Minneapolis



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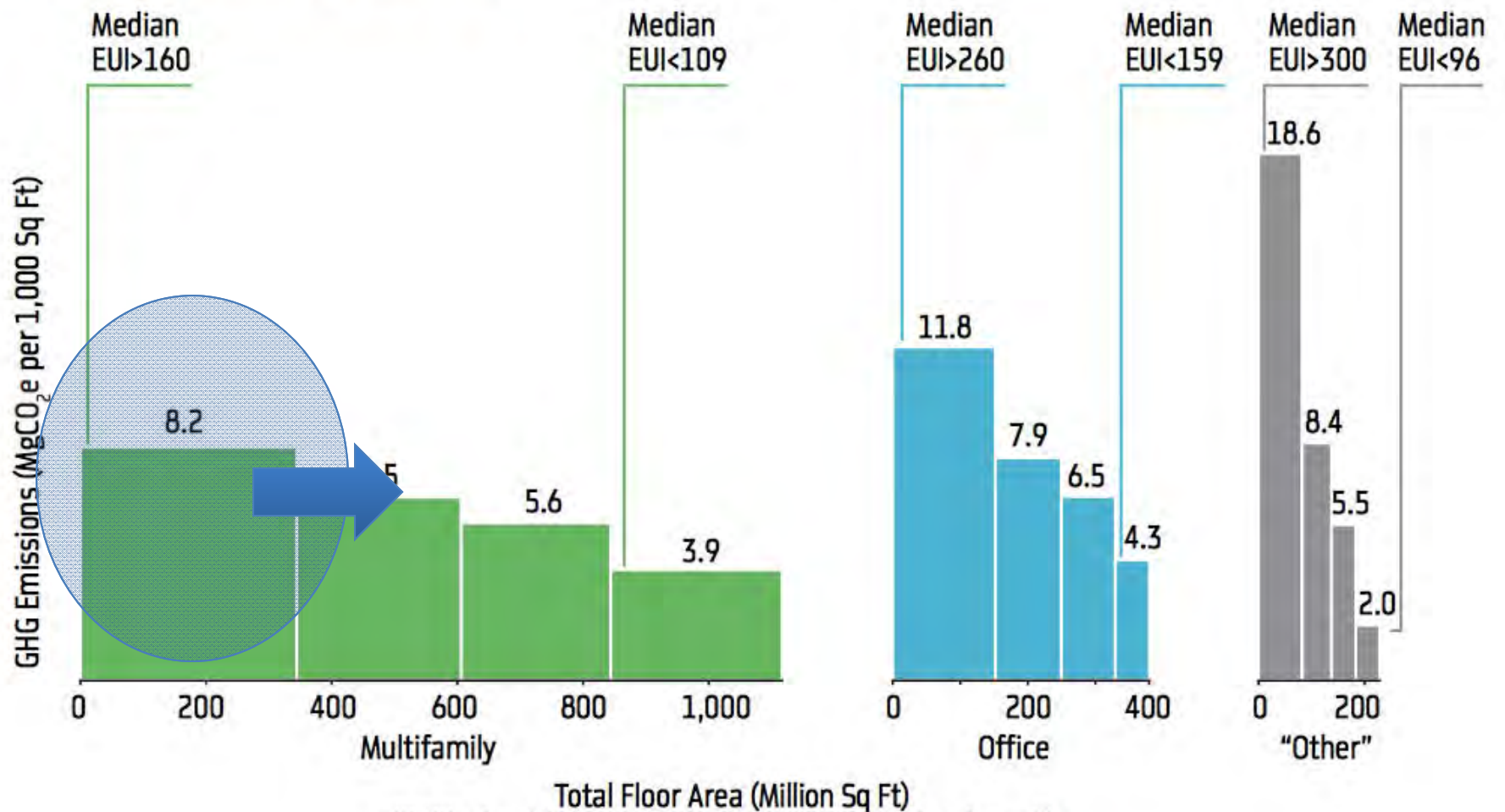
Community Building Energy Use

[Fig. 11] Variation in Source EUI by Sector (5th-95th percentile)



Retrofitting the Worst...

[Fig. 14] Total GHG Emissions by Sector Quartiles



*Width of each bar corresponds to total floor area of each quartile.

623,000 tonnes!

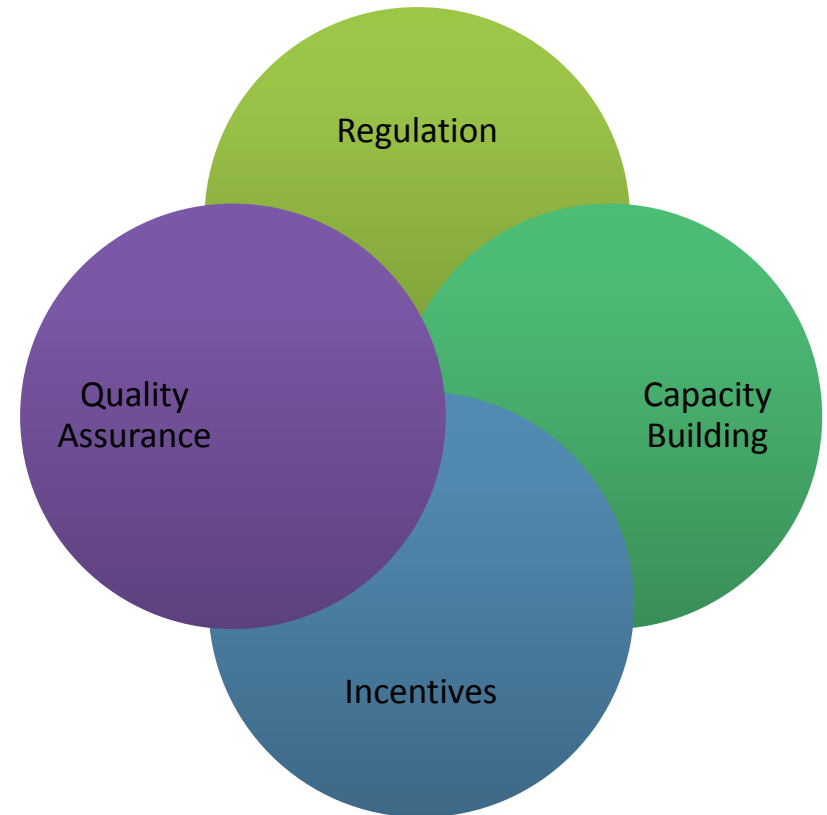
New Construction

- ❑ All construction will be carbon Neutral in operations by 2020
 - ❑ Moderate climate
 - ❑ Clean Electricity (92% Hydro)
 - ❑ Legislative Authority on Building Codes

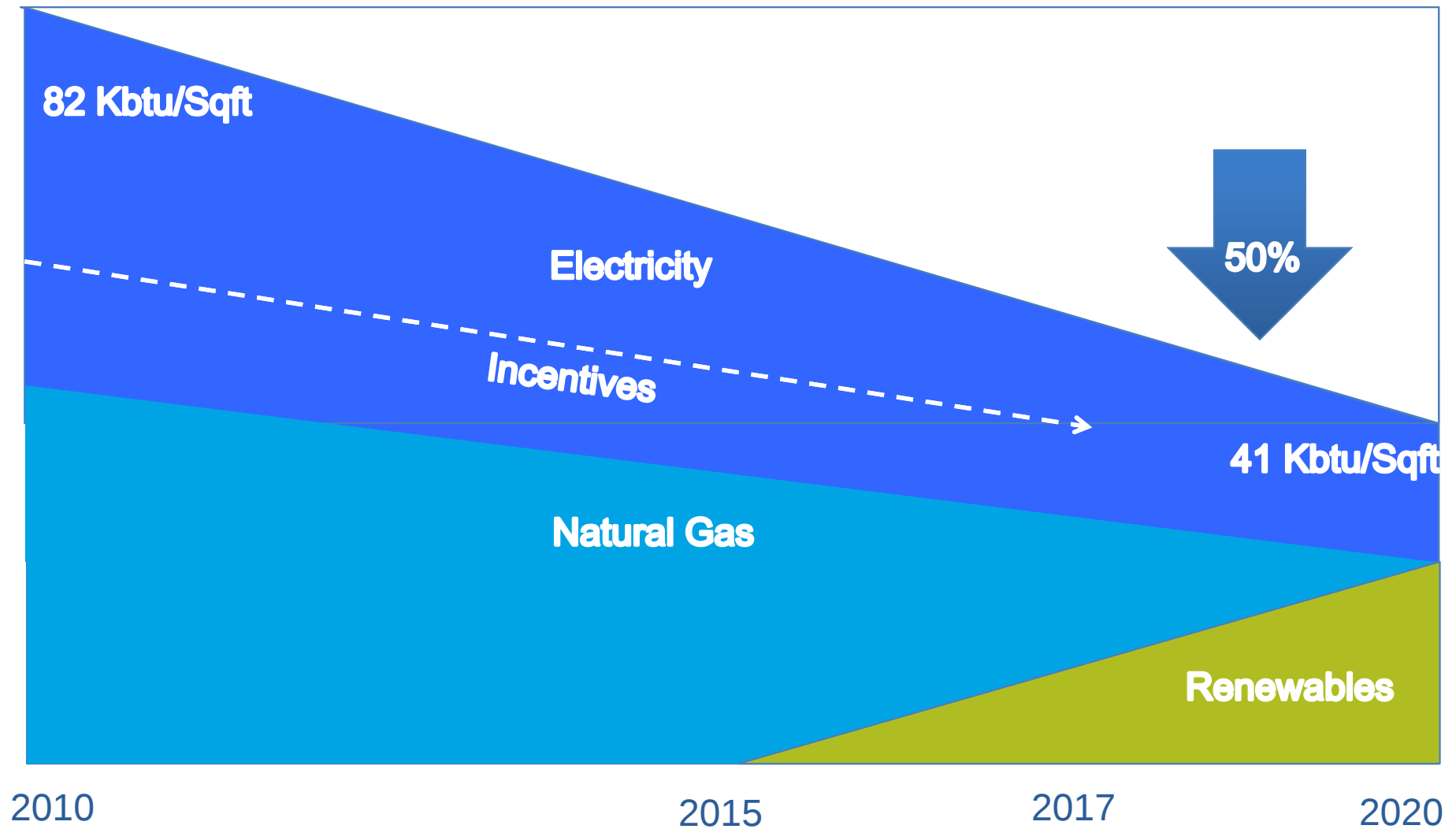


New Construction

- ❑ Carbon Neutral Building Principles
 - ❑ Based on best practices (achievable)
 - ❑ Equitable (worked across building types and locations)
 - ❑ Incremental (allows time for market transformation)



Carbon Neutral Buildings Target



Holistic Approach to Carbon Management

- ❑ DE Solutions in high density areas
- ❑ Connect existing loads for a fuel switch
- ❑ Create a local carbon market
- ❑ Fund energy efficiency retrofits



Carbon Neutral/NZE Building Training

- ❑ Capacity Building Programs
 - ❑ Passive Design/Envelope
 - ❑ Mechanical Design
 - ❑ Lighting and Electrical
 - ❑ District Energy

